

**Department of Public Works and Transportation
Montgomery County, Maryland**

DIVISION OF SOLID WASTE SERVICES



The enclosed landfill gas flare system that is under construction at the Gude Landfill

***MONTHLY REPORT
DECEMBER 2004***



Printed on Recycled and Recyclable Paper

TABLE OF CONTENTS

<u>OVERVIEW</u>	3
<u>CITIZEN COMMITTEES</u>	4
<u>COLLECTIONS</u>	4
<u>WASTE MINIMIZATION</u>	7
<u>HAZARDOUS WASTE PROGRAMS</u>	8
<u>AIR PERMITS AND ENVIRONMENTAL PROGRAMS</u>	8
<u>RECYCLING</u>	9
<u>PILOT PROGRAMS</u>	10
<u>FACILITY ACTIVITIES</u>	11
<u>GENERAL INFORMATION</u>	14
<u>SOLID WASTE FACTS IN A NUTSHELL</u>	15
<u>GLOSSARY OF ACRONYMS</u>	16

OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2005 began July 1, 2004.)

FACILITY	Dec FY05	FY05 Total	Dec FY04	Dec FY03
Materials Recovery Facility ⁽¹⁾	8,938 tons	46,741 tons	8,642 tons	7,847 tons
Brunswick Landfill Facility ⁽²⁾	23,150 tons	159,964 tons	24,761 tons	16,812 tons
Resource Recovery Facility ⁽³⁾	45,993 tons	297,024 tons	46,012 tons	51,556 tons
Yard Trim Compost Facility	18,450 tons	55,413 tons	15,587 tons	17,648 tons

⁽¹⁾MRF tons reported are outgoing.

⁽²⁾This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

⁽³⁾RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

Revenue Analysis and Systems Evaluation – During December, program staff:

- ◆ Researched 33 new properties and entered billing changes into database;
- ◆ Prepared monthly house counts for collection contractors;
- ◆ Processed vacancy refunds payable in December;
- ◆ Updated Access™ databases and Excel™ spreadsheets for monthly collection contractor reports;
- ◆ Updated street listing maps;
- ◆ Continued to research solid waste fee abnormalities in the property tax database;
- ◆ Continued analysis of leaf vacuuming charge allocation;
- ◆ Continued processing non-residential appeals;
- ◆ Generated Hauler Credit Account invoices for December 2004 totaling \$1,500,308.93 (a decrease of \$102,533.58 compared to December 2003);
- ◆ Updated Aging Report (30-day arrearage was \$2,183.83 as of January 6th);
- ◆ Updated, prepared and mailed out the Hauler/Collector Tonnage report forms for the period of July 1st through December 31st 2004;
- ◆ Finalized FY04 System-Wide Materials Accounting and Recycling Rate Calculation and posted same on web site;
- ◆ Prepared materials for T&E meeting;
- ◆ Continued work on FY06-FY12 Budget and Rate Model;
- ◆ Represented DSWS at Maryland Recyclers Coalition meeting at the State House in Annapolis.

CITIZEN COMMITTEES

Facilities Implementation Group – FIG met on December 14th at the Gothic Barn. Twelve FIG Members, one County staff, and three guests were in attendance. Topics discussed included review of video for facility drivers and review of wayside signs for the Linden Farm and the Gothic Barn. The next FIG meeting will be held on March 8th at the Gothic Barn.

Solid Waste Advisory Committee – SWAC held its regular monthly meeting on Tuesday, December 7th, in the Executive Office Building 6th Floor Conference Room. Seven SWAC members, three County staff and two guests were in attendance. DSWS Operations staff provided updates on household hazardous waste collection, the Ecowise Program and waste reduction.

COLLECTIONS

Refuse – This year Christmas Eve and New Years Eve both fell on Friday which we worked as normal workdays, thus there was no need to slide any residential collection. There were no service interruptions for the month of December.

Contractor Performance - DSWS received 340 complaints; 179 less than in December 2003, which numbered 519.

Enforcement Actions – No citations were issued for violations of the County's Solid Waste Laws; four NOV's were issued for violations of the County's Solid Waste Laws:

Two NOV's	Stored solid wastes outside storage containers
One NOV	Collected or transported solid wastes without a valid collector's tag
One NOV	Improperly stored or permitted solid wastes to accumulate

Customer Service

Number of Calls Received: 6,024

Number of e-mails Received: 674

- ◆ Number of Trash Special Pickups scheduled via e-mail: 175

- ◆ Number of Scrap Metal Pickups scheduled via e-mail: 165

Number of Blue Bin Requests: 1,427

Recycling – Approximately 16,000 carts were delivered during the month of December in area 1 (Bethesda and Potomac neighborhoods). The delivery crews will be moving into area 5 in January 2005 (which goes from Four Corners through White Oak and into the Paint Branch area).

Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
12/22/03-1/16/04	10.67	9.75
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01
4/12/04-5/07/04	10.58	9.93
5/10/04-6/04/04	10.96	10.09
6/07/04-7/2/04	9.97	9.77
7/05/04-7/30/04	9.49	9.05
8/02/04-8/27/04	10.09	9.37
8/30/04-9/24/04	11.34	10.43
9/27/04 – 10/23/04	10.98	10.50
9/27/04 – 10/23/04	10.98	10.50
10/25/04 – 11/19/04	11.74	11.43
11/22/04-12/17/04	11.94	11.97

Public Outreach – The Inspectors delivered 553 surveys cards to residents. Our return rate was lower than previous months at only 13.7% which was probably due to everyone being busy with the holidays. Of the 76 cards that were returned to us, 94.3% rated our programs and service as either excellent or good.

For the month of December the website's survey questions were changed allowing residents to rate the various services provided by our collections contractors. Residents can also rate their experiences with the customer service staff, and tell us if they are familiar with our holiday collection schedule, and the HHW operation at the Transfer Station.

Curbside Programs	Excellent	Good	Acceptable	Poor	Unacceptable	Not Answered
Blue Bin	61%	14%	1%	1%	3%	20%
Mixed Paper	45%	14%	3%	1%	1%	36%
Yard Trim	23.5%	22.5%	6%	1%	0%	47%
Scrap Metal	16%	20%	5%	1%	1%	57%
Trash	26%	16%	0%	0%	2%	56%
Recycling Crew	32%	24%	3%	0%	1%	40%
Trash Crew	19%	13%	1%	1%	0%	66%
Customer Service Staff	77%	9%	3%	1%	0%	10%

Programs Residents Familiar with	Yes	No	Not Answered
HHW	69%	28%	3%
Holiday Slide Schedule	49%	21%	30%

Additional comments:

We continue to encourage homeowners to take advantage of our unlimited collection of scrap metal collection and Christmas tree collection; and we are now directing residents to our web site where an array of informative online brochures can be downloaded.

Comments from residents:

Two crew members from Ecology Services were highly commended for the services they have provided to our residents. Other residents feel that although blue bin delivery is not as quick as they would like, Montgomery County, Maryland, does make recycling easier and thanked the Division of Solid Waste Services for having a TTY machine.

Web site - The following is information gathered from the Montgomery County Solid Waste web site through the month of December:

List Memberships	New December Subscribers	Total Subscribers
HHW Announcements	45	1,422
Holiday Reminder List	73	4,624
Newsletter Helper	21	458
Usage Counters – December 2004		
Total of Visits		4,540
Total Page Views		7,684
Top Ten Pages: <ul style="list-style-type: none">◆ Holidays◆ Trash◆ How To◆ HHW◆ Blue Carts◆ Special Collections◆ Curbside Recycling◆ Scrap Metal◆ Christmas Trees◆ Beauty Spots		
SORRT		
Total Page Visits		173
Number of page views		282
TRRAC		
Total Page Visits		104
Number of page views		155

Comments from e-mails:

Thank you again for providing the e-newsletter service! We have said many times in these 7 years how glad we are to be living in such a progressive, responsive County!

We wish you the best in 2005 and ask that you pass the same to the staff that supervise, administer, drive, collect, and dispose of the trash all of us in the county assemble every week of the year. Your drivers and pick up men have some of the toughest jobs going and I for one really appreciate the fine work they do and the system that makes it work.

Wow, what great customer service we get from you! Now I have requested online that my lawn mower be picked up (and I don't even feel bad that I procrastinated)!

Wow, thanks for your very clear explanations! We've been a recycling family for over 20 years, resulting in less than 2 trash cans of pickup per month, but it's been a bit more challenging here to meet that standard. We'll increase our scrutiny on the front end, to make sure we do our best not to contribute more to the waste stream.

WASTE MINIMIZATION

Product Recycled	Approximate weight recycled in December 2004
Computer	53.5 tons
Fire Extinguishers	None
Propane Tanks	4.5 tons
Textiles	22.8 tons
Construction Materials (Don't Dump – Donate)	0.3 tons
Bicycles	None
Rechargeable Batteries	None

Department of Environmental Protection's Home Composting and Source Reduction Activities



The GreenMan Show airs daily on Cable Channel 6 with online streaming video and access to past shows via online archives. Throughout the holiday season, a special program on "Reducing Waste during the Holidays" aired with Eileen Kao and Alan Pultyniewicz, featuring imaginative tips for reusing materials for wrapping gifts, creative gift ideas, and much more.

The GreenMan Column continues in the Gazette Newspapers. The column is also accessible online via greenmanshow.com and at www.gazette.net under "Columns." The December column, "Live Christmas Trees Help Plant Memories," addressed using living Christmas trees instead of fresh-cut trees, which end up in the yard waste recycling stream.



HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste Collection – 1,627 patrons used the regular HHW drop-off program at the Transfer Station.

Mercury (Hg) Free Campaign – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW drop-off sites.

Small Quantity Generator/Ecowise Program – One Small Quantity Generator (SQG)/Ecowise event was held on December 8th; 14 companies participated in the event.

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations – The Continuous Emissions Monitoring System (CEMS) continued to track the percent load, certain engineering parameters and emissions of all three units. The CEMS indicated that unit 2, which has been under scheduled maintenance since November 7th, was brought online at approximately 4 a.m. on December 1st. Thereafter, all three units operated until approximately 11 p.m. on December 10th when the CEMS indicated a Carbon Monoxide (CO) spike for unit 1 indicating that the unit was being brought offline. Inquiries with Covanta indicated that the unit was brought offline due to reduced MSW flows to the facility. Thereafter, units 2 and 3 operated at full load until December 30th. On December 30th, the CEMS indicated that units 2 and 3 were running at 70% load for further accumulation of waste in the pit and it is understood that the two units will be operating at that partial load until at least the first week of January. There were no other equipment malfunctions that affected stack emissions in December with the exception of the incidents discussed above.

On December 8th, Covanta performed the monthly "Opacity Test" for the month of December. The opacity test is a requirement under the RRF Title V Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the last week of December, Covanta furnished two reports on the annual environmental tests that were conducted by TESTAR in October 2004. The annual tests are mandated by the RRF Title V Air Permit. One report summarizes the results of the stack emissions test and the second report summarizes the results of the Relative Accuracy Test Audit (RATA). RATA uses TESTAR's measurement, sampling and data reduction procedures to test the accuracy of the RRF's CEMS. TESTAR's measurement, data reduction and quality assurance procedures conform to the EPA's methods specified in the Code of Federal Regulations 40 CFR 60. A preliminary review of the reports demonstrates that the RRF stack emissions and CEMS are in full compliance with the requirements of the RRF Title V Air Permit.

In the first week of December, the set of three CEMS CD-ROMs were updated to include CEMS data up to November 30th. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

FIG-SWAC Air Quality Subcommittee – ENSR received the laboratory analysis results of the field sampling data collected in the fall 2004 Non-Air Media Monitoring Program and is currently writing the draft report. The draft report is expected in January. A meeting of the Air Quality Subcommittee will be scheduled after receipt of the draft report.

Oaks Landfill Air Emissions and Energy Recovery – SCS Engineers submitted gas sampling results at the Oaks Landfill for the month of December 2004. In December, one gas sample was taken at the flare inlet on five different days for a total of five samples. Methane levels were also measured on those five days at the blower inlet and the flare inlet for a total of 13 measurements. From a total of five gas samples, the average gas flow was 875 standard cubic feet per minute (scfm). From a total of 13 measurements, the methane levels ranged from 48.8% to 55.8% for an average of 52.8%. SCS continues to conduct monthly gas sampling and analysis at the Oaks under the Engineering Services Contract. The gas sampling results will be used to prepare the "2004 Emissions Certification Report" for submission to MDE in March 2005.

Contracts and RFP's

- ♦ **ENSR Contract** – ENSR received the laboratory analysis results and is currently writing the draft report for submission in January. ENSR continues to work on the Cumulative Health Risk Assessment.
- ♦ **TES Contract** – TES performed the monthly maintenance work in the second week of December. All instruments including the anemometer, wind vane, temperature and dew point sensors, and the rain gauge have been performing correctly. The total rainfall for December was 3.87 inches.

RECYCLING

Public Education and Outreach – Executive Regulation (ER) 15-04 is under review by the County Council. On December 9th, the T & E Committee held a worksession on the Comprehensive 10-Year Solid Waste Management Plan, where discussion also included ER 15-04. Staff made a brief presentation on recycling in the County at the beginning of the worksession. Eight proposals to the RFP for a new outreach contract were submitted to the County and the QSC is reviewing. Oral interviews and presentations of the case scenarios by the prospective contractors have been scheduled and will begin shortly. Several recruitment processes are underway to fill vacant staff positions.

Commercial Recycling and Waste Reduction – Staff conducted 489 on-site visits of businesses in December and resolved 16 complaints. In a continuing effort to

improve recycling programs at small businesses, staff distributed 218 desk-side recycling bins to businesses in December for a total of 6,076 recycling bins being distributed during 2004. Staff completed the on-site evaluations of the recycling infrastructure at each of MCPS' 187 schools for the 2004-05 school year. Annual report forms and instructions were sent to all medium and selected small-sized businesses that are required to file their recycling and waste reduction reports by March 1st. A multi-media campaign designed to notify businesses of their legal requirements to file annual recycling and waste reduction reports will begin in January and continue through the end of February. Work began on an activity to document commercial recycling tonnages that are currently not being documented through existing procedures. Approximately 1,000 small businesses will be surveyed to determine their recycling activities.

Multi-Family Recycling – In December, site visits to multi-family properties continued, with distribution of 246 baby blue apartment bins; 3,840 educational brochures; 666 recycling container sticker labels; and 10 informational posters. Annual report reminder letters were mailed with the annual report form to 681 multi-family properties. The new Access database for multi-family site visit data was completed and is now in use. Work continued on completion of the revised Property Manager's Guidebook and on the multi-media campaigns to inform multi-family property managers of the annual reporting requirements and to inform Spanish-speaking multi-family residents of the County's recycling requirements. Work began on the winter issue of the TRRAC newsletter and on the TRRAC seminars that are scheduled for June 2005.

Mixed Paper Recycling – Existing educational materials are being distributed to residents at events. Larger quantities of materials are also provided to homeowner's associations and civic groups for their use and distribution.

Volunteer Activities – One volunteer provided seven hours of assistance in the office. The program recruited one new volunteer in December.

PILOT PROGRAMS

Cooperative Collection – Contract negotiations for recycling and waste collection services between the businesses and recycling collection companies continued in December.

ComPRO Pilot – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. The year-to-date ComPRO sold is 4,296 bags.

Tubgrinding Pilot – Tubgrinding of screen rejected material started on July 27 and ended on August 20, 2004.

FACILITY ACTIVITIES

Resource Recovery Facility – The RRF processed 45,993 tons, or 1,484 tons per day. Trash deliveries averaged 10,074 tons/week. On December 10th, unit 1 was removed from service due to reduced MSW flows to the facility. The unit remained down for the remainder of the month.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of December. There was no need to purchase power during the month.

There were no reportable air or water quality environmental excursions during the month. However, during the shutdown of unit 1, the plant experienced high CO emissions during the last hour of the December 10th. The CO average for the hour was 224 ppm. The one hour standard is 200 ppm, but the period is exempt from the standard due to the three-hour shutdown window.

The following environmental activities occurred:

- ◆ Submitted the November 2004 Water Supply Monthly Operating Report to MDE;
- ◆ Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- ◆ Submitted the October 2004 stack test and RATA to MDE. Results indicated compliance with all regulatory standards;
- ◆ Updated the Risk Management Plan document and distributed it to the appropriate LEPC's; and
- ◆ Notified and submitted a spill report that occurred on December 11, 2004.

Materials Recovery Facility – Approximately 2,084 tons of commingled material were shipped out and approximately 6,854 tons of mixed paper were loaded out and transferred to OPS' processing facility during December 2004. A new front end loader was delivered, the bollards in the tipping floor were painted, the lobby elevator required some work and was repaired, and repairs were made to the sprinkler system in the annex building.

Oaks Landfill – The parking lot at the administration building continued to be used as an assembly and staging area for the large blue mixed paper carts currently being distributed in that portion of the County. Post-closure maintenance of the site, burning off gas at the flare and treating leachate at the leachate treatment plant continued as usual. DSWS continued to develop background information to be used when talks resume with Pepco Energy Services over the potential use of landfill gas to generate electricity.

Gude Landfill – Work on the installation of the enclosed flare gas management system continued. Several issues related to the installation of electrical lines and control wiring were resolved. With respect to the study of potential gas migration from the site along the utility right-of-way border, DSWS is still awaiting complete identification of

underground utility locations by Washington Gas and others before SCS Engineers can perform field evaluations involving borings into the soil to check for the presence of landfill gas.

Transfer Station – During December, Covanta shipped via rail 47,752 tons of processible waste from the Transfer Station to the RRF; 3,154 fewer tons than shipped in December 2003. This reduction in tonnage, which has been consistently noted over the last several months, could be the result of the tip fee increases last July which have caused some customers to seek alternative disposal options.

Installation work continued on the new #4 compactor. PEPCO completed the electric service connection to the compactor.

The Division of Highway Services completed the leaf vacuuming program. Leaf receiving and loading operations in the lower lot were closed out at the end of the month.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

SCS Engineers continued design work on a proposed expansion of the tipping floor and transfer building.

The inbound radiation detectors had 12 alarms in December 2004. There was one false alarm (an alarm that could not be re-verified) - all of the valid alarms were identified as low levels of medical isotopes with short half-lives and were accepted. Five of the cases involved drivers or passengers who had undergone recent medical tests or treatment, and residual radiation set off the alarms.

Summary of Radiation Alarms in Calendar Year 2004	
Vehicle Loads Setting Off Alarms	96 incidents
Driver/Passenger Medical Tests Setting Off Alarms	57 incidents
False Alarms	14 alarms that could not be re-verified
Rejected Loads	3 incidents of unacceptable radioactive materials

Site 2 Landfill Properties – As part of the effort to arrange dam safety inspections for the ponds on the properties, staff has determined that with the exception of 1 pond out of 7, there is no need for the ponds by the current tenants. Staff plans to explore wetland issues and discussions with the local citizen advisory group before it decides on whether the pond embankments should be disturbed so as to drain the water from the ponds, thus eliminating the need for dam inspections. Staff located and demolished one deer hunting stand located on the Site 2 properties. All farm leases have expired and staff is preparing various new leases.

Yard Trim Compost Facility – In December, the Yard Trim Facility received 18,450 tons of material for composting. The year-to-date total is 55,413 tons; 5,199 cubic yards of Leafgro were shipped to distributors.

Bagging Operation – In December, 4,300 bags of Leafgro were shipped to distributors (each bag is 1.5 cubic ft. weighing 45 lbs.). No ComPRO was shipped to distributors.

Out-of-County Haul

Brunswick County, Virginia – During the month of December, approximately 13,291 tons of ash residue and 9,859 tons of nonprocessable waste were transported to the County's dedicated disposal cell at BWMF. No rubble was recycled this month at Clean Earth in Hagerstown, MD. Clean Earth has been overloaded recently by other customers and has not been able to accept additional material. Approximately 567 tons of oversized bulky wood waste were shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, MD for recycling. Thirty-five (35) new ash containers were delivered to Collier Yard in Petersburg, Virginia to be used to replace the worst of the aging fleet of containers. Approximately 120 additional new containers are scheduled to be purchased in 2005.

GENERAL INFORMATION

Important Telephone Numbers

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	301-840-2701 (County Office) 301-417-1447 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Recycling Rate Reported in Montgomery County	37.6% (FY04)
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY04 tons received- 76,972
# Residences receiving trash collection by County contractors	86,212
# Residences receiving collection of recyclables in blue bins and yard trim collection	205,182
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.)

GLOSSARY OF ACRONYMS

AAR	American Ash Recycling, Inc.
APC	Air Pollution Control
ASME	American Society of Mechanical Engineers
BWMF	Brunswick Waste Management Facility, Inc.
CDL	Commercial Driver's License
CEMS	Continuous Emissions Monitoring System
CFR	Code of Federal Regulation
CIP	Capital Improvements Program
COD	Cash on Delivery
COG	Metropolitan Washington Council of Governments
CSX	Chesapeake Transportation Systems
CY	Calendar Year
DEP	Department of Environmental Protection
DNR	Maryland Department of Natural Resources
DSWS	Division of Solid Waste Services
EPA	Environmental Protection Agency
FIG	Facilities Implementation Group
FY	Fiscal Year
GFA	Gross Floor Area
HHW	Household Hazardous Waste
IFB	Invitation For Bid
IPM	Integrated Pest Management
KMCB	Keep Montgomery County Beautiful
LFG	Landfill Gas
LTTS	Leachate Thermal Treatment System
MCPS	Montgomery County Public Schools
MCR	Maximum Continuous Rating
MDE	Maryland Department of Environment
MES	Maryland Environmental Service
Mg/l	Milligrams per liter
M-NCPPC	Maryland National Capital Park and Planning Commission
MRA	Maryland Recycling Act
MRF	Materials Recovery Facility
MSW	Municipal Solid Waste
MWh	Mega Watt hours
NIH	National Institutes of Health
NMWDA	Northeast Maryland Waste Disposal Authority
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
NTP	Notice to Proceed
OLAC	Oaks Landfill Advisory Commission
OMB	Office of Management and Budget
OPS	Office Paper Systems
PEPCO	Potomac Electric Power Company
PSA	Public Service Announcement
QSC	Qualification and Selection Committee
RFP	Request for Proposal
ROL	Reduced Operating Level
RRF	Resource Recovery Facility
SCA	Sugarloaf Citizens Association
SHA	State Highway Administration
SORRT	Smart Organizations Reduce and Recycle Tons
SDAT	State Department of Assessments and Taxation
SWAC	Solid Waste Advisory Committee
TCLP	Toxic Characteristic Leaching Procedure
TES	Technical Environmental Services
TPD	Tons Per Day
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
TXA 170	Computer Interface Program (Property Account Database)
UT	Ultra-sonic Testing